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November 26, 1997

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EX PARTE OR LATE FILED

By Messenger

Ms. Magalie Roman Salas
Secretary
Federal Communications Commission
1919 M Street, N.W., Room 222
Washington, D.C. 20554

Re: **EXPARTE**

Administration of the North American Numbering
Plan -- CC Docket No. 92-237
Telephone Number Portability -- CC Docket No. 95-116

Dear Ms. Salas:

Pursuant to Section 1.1206 of the Commission's rules, 47 C.F.R. § 1.1206, I report that representatives of Lockheed Martin IMS, Jeffrey Ganek, Senior Vice President; Joseph Franklin, Vice President; Ron Conners, Director of the NANPA, and Mark Foster, Chief Technical Officer met on Tuesday, November 26, 1997 with Geraldine Matise, Marian Gordon, Erin Duffy, and Jeannie Grimes of the Common Carrier Bureau, copied below, to discuss the above captioned proceedings.

Lockheed Martin IMS updated the staff on the progress of local number portability deployment, as well as its progress in the transition to a new North American Numbering Plan Administrator. A copy of slides distributed at this presentation are attached. Pursuant to Section 1.1206(b) of the Commission's rules, an original and one copy of this transmittal letter are being submitted to the Office of the Secretary for inclusion in the public record for both of the above-referenced proceedings.

Please direct any questions or concerns to the undersigned.

Very truly yours,

Cheryl A. Tritt
/JAC

Cheryl A. Tritt
Counsel for Lockheed Martin IMS

MORRISON & FOERSTER LLP

Ms. Magalie Roman Salas

November 26, 1997

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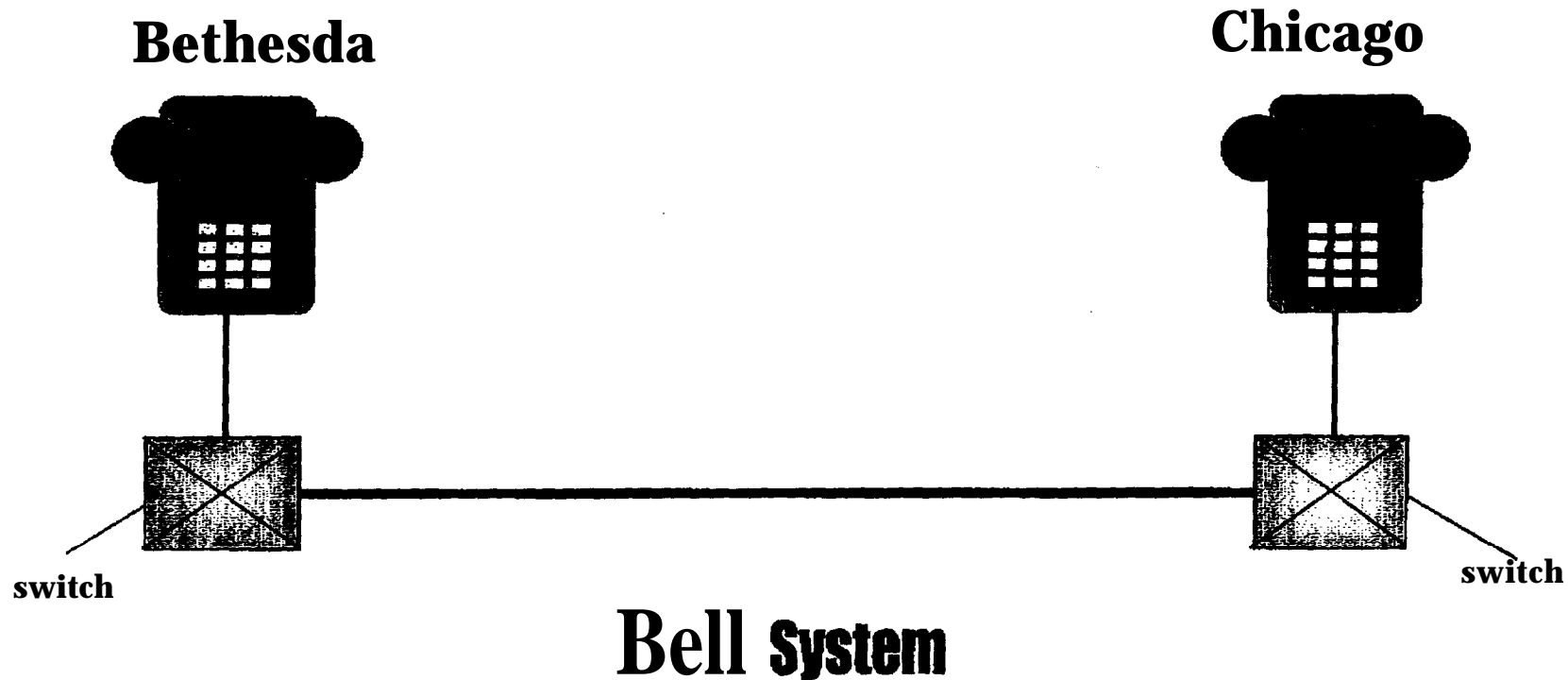
Attachments

cc: Geraldine Matisse
Marian Gordon
Erin Duffy
Jeannie Grimes



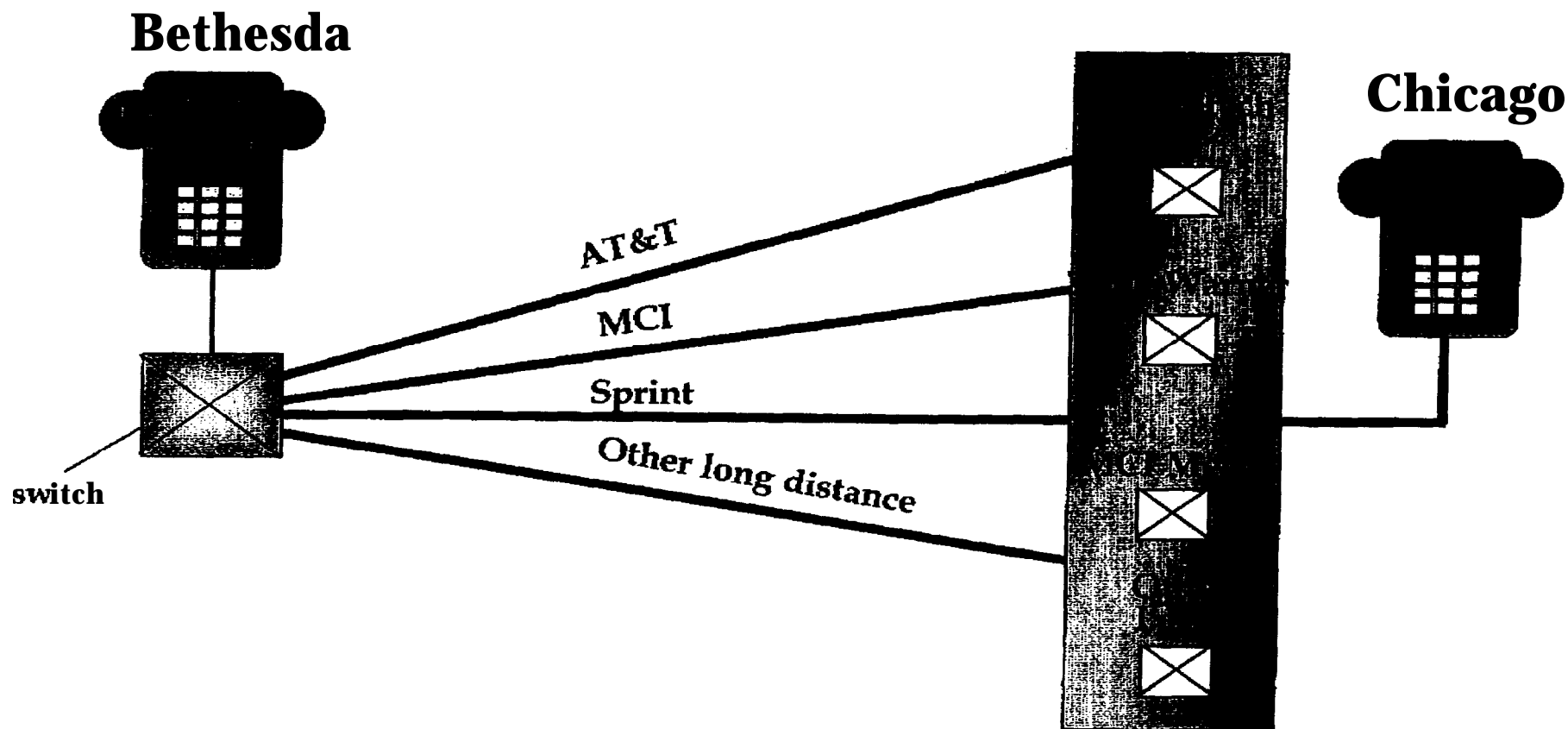
local Number Portability: A **View** from Lockheed Martin

Old **Telephone** System



Single network; Facilities-based control

New Telephone System



Network of networks; Interoperability of competitors' networks via complex systems control

What is LNP?



- ◆ Telecom Act of **1996** and **FCC** orders **introduce** competition in **local** service **markets**
- ◆ Consumers must be able **to change service providers without changing telephone** numbers, **according to** the Act
- ◆ Industry **designed** LNP **architecture and** process
- ◆ FCC Order requires LNP **implementation**
- ◆ **Industry conducted competition to find neutral** providers
- ◆ **LM IMS Role - Build and** operate system **that** maintains database **and** provides network addresses of ported numbers **to service providers**

Communications **Industry Services**



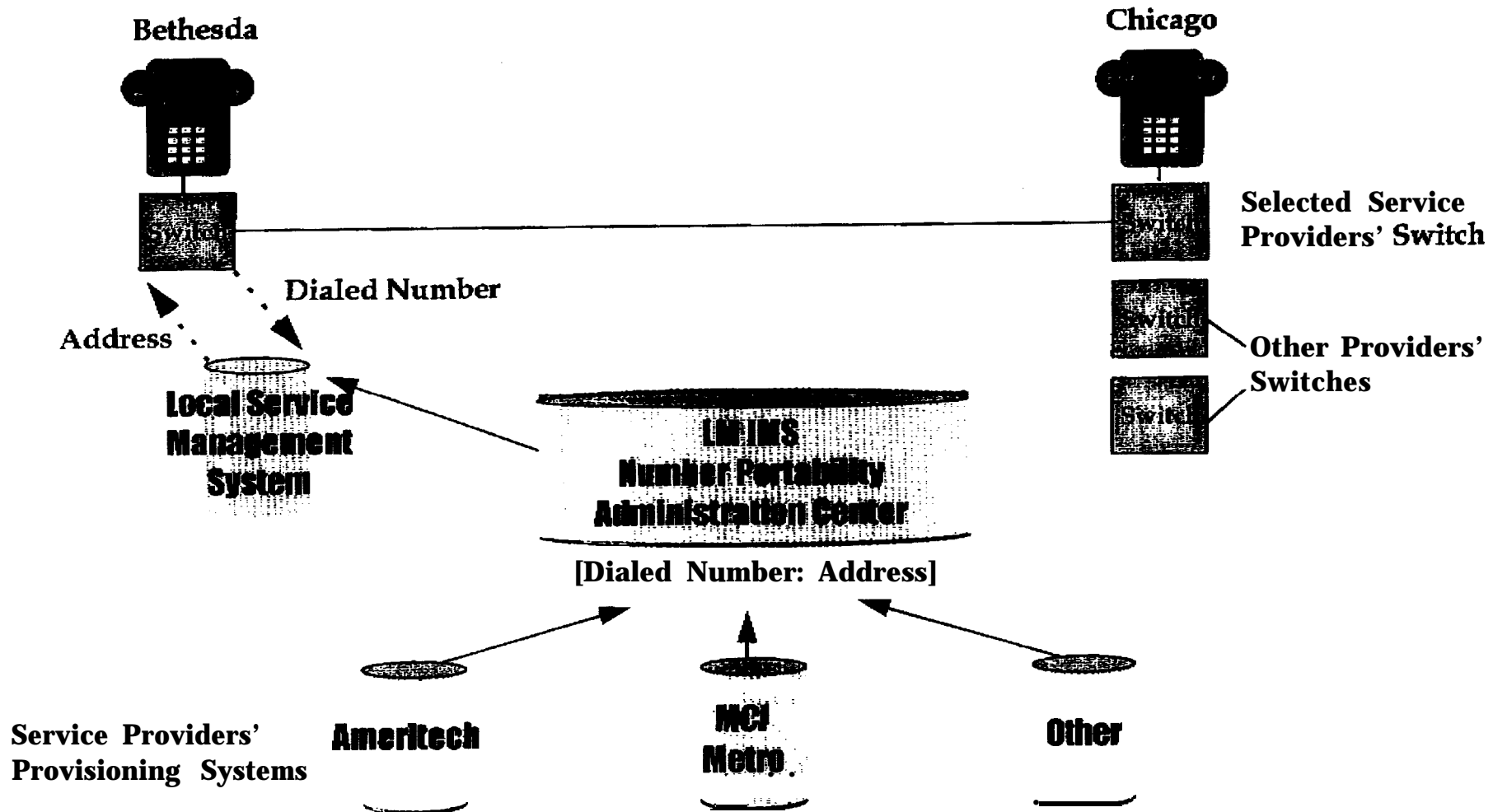
Industry Needs: Transactions and administrative services that facilitate interoperability of networks.

Lockheed Martin: Strong **technology**, systems integration and operations. Understanding of the industry. Tradition of serving the public trust.

Commitment: Service that is fair, neutral, reliable, responsive, high value and economical.

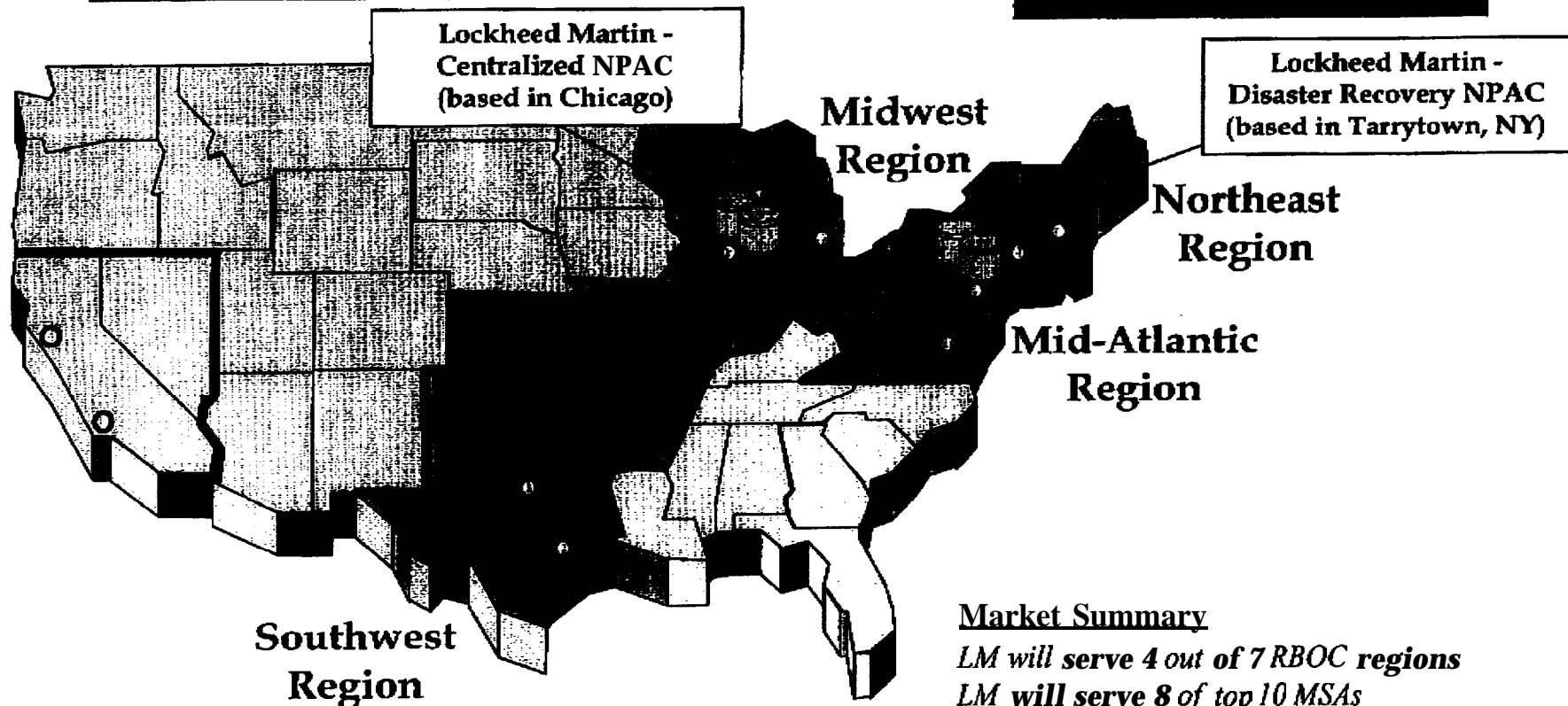
Local Number Portability: Selecting the Terminating Switch

LOCKHEED MARTIN



Local Number Portability Selection

LOCKHEED MARTIN



 Regions to be served by Lockheed Martin

 Regions to be served by Perot

 Top 10 Metropolitan Statistic Areas (MSAs)

Market Summary

LM will serve 4 out of 7 RBOC regions

LM will serve 8 of top 10 MSAs

LM will serve 55% of all U.S. access lines

LNP Status



1Q96	LM selected as LNP Administrator for Chicago
2Q96	FCC LNP Order issued
3Q96 +	Standards developed
1Q97	LM selected as LNP Administrator in 4 of 7 regions
1Q97	Regional Certification and Validation Testing Begins
3Q97	FCC Field Test successfully completed
4497	Commercial LNP operations
4Q97	Regional Testing Continues

LNP Challenges and Issues



- ◆ Deliver high quality, reliable service
- ◆ Lead Industry cooperation to provide high volume LNP services, when required - e.g. **Number Pooling**
- ◆ Introduce new service providers to LNP
 - New CLECs
 - Wireless
- ◆ Innovative solutions to emerging Industry needs

North American Numbering Plan Administrator



- ◆ LM designated as the NANPA by the FCC
- ◆ Key functions:
 - Area code assignment and relief planning
 - CO Code Administration
 - Carrier identification code administration
 - Other numbering issues
- ◆ Transition being managed
 - Cooperating with Bellcore, ILECs, INC, NANC
 - New locations in Washington, Chicago, California
 - Key senior staff in place

Guiding Principles



- ◆ Fair and neutral
- ◆ Reliable
- ◆ Responsive
- ◆ High **value and economy**
- ◆ Innovative solutions
- ◆ Implement policies **set** by the FCC, PUCs and the Industry

Contract Status



SIGNED

MIDWEST - 12/96

MIDATLANTIC - 9/97

NORTHWEST - 11/97

PENDING

SOUTHWEST - 12/97

Lockheed Martin's Current Regional Customers



	<u>Midwest</u>	<u>Midatlantic</u>	<u>Northeast</u>	<u>Southwest</u> *
AT&T	Yes	Yes	Yes	Yes
MCI	Yes	Yes	Yes	Yes
Worldcom/MFS	Yes	Yes	Yes	Yes
Sprint	Yes	Yes	<u>No</u>	Yes
GTE	Yes	Yes	<u>No</u>	Yes
TCG	Yes	Yes	Y e s	<u>NO</u>
Time Warner	No	<u>NO</u>	Yes	Yes
Rochester Tel	<u>No</u>	<u>No</u>	Yes	<u>No</u>
Cablevision	<u>No</u>	<u>No</u>	Yes	<u>No</u>
Armstrong	<u>NO</u>	Yes	<u>No</u>	<u>No</u>
RBOC	Ameritech	BAS	BAN	SBC

* Pending **Contract**

Lockheed Martin / Industry Testing Regimen



<u>Type of Test</u>	<u>Purpose</u>	<u>Test Cases</u>	<u>Schedule:</u>	<u>Participants</u>
Interoperability	Certify Interface Development	300 +	3/97 - Ongoing	<u>C/P/S</u> 6/1/0
Turn - Up				
Phase I	Validate SP to SP Functionality	} 800 +	5/12 - Ongoing	8/2/2
Phase II	Validate SP to SP and NPAC Functionality		7/21 - Ongoing	2/0/2
FCC Trial	Validate Network Functionality	230 +	8/11-9/26	4/0/0

Software Release Schedule



Release 1.2	NANC NPA SPLIT Enhancements	12/3/97
Release 1.3	Performance Improvements	2/28/98
Release 1.4	Number Pooling - Illinois	5/98
Release 2.0	NANC Enhancements	3RD QTR / 98

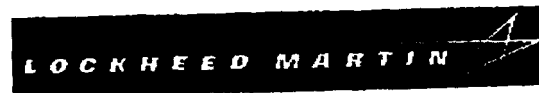
Wireless Status



- Industry Standards Established for **Switch to DB**
- Draft **Standards** Established **for Switch to DB**
- **LM Active in NANC**
- **LM has Strong Relationship with PCIA and CTIA**

issue - **Inconsistent Rate Center Structure**

NPAC SMS / Status



- Operational - 10/30/97
 - Midatlantic Region
 - 8 Users
 - **Chicago** and Tarrytown, NY
 - 43 NPAC Staff Members
 - 24 X 7 Coverage
- **No Porting as yet**
- a Commercial Operations Schedule
 - Midwest - Jan '98 - pending Cost Allocation Model
 - Northeast - **Dec** '97
 - Southwest - March '98 - **"Flash Cut"**
- a Billing Commenced in Three Regions
 - Interim Allocation Model Utilized
 - LM NPAC **Accommodates** Billing Flexibility